

ELT PLATFORM SLOPE BREAK 10.1. SLOPE - FACE OF GUARDRAIL -EDGE OF PAVEMENT 15° MAX EDGE OF TRAVELED WAY TRAFFIC

<u>PLAN</u>

SEE DETAIL "A" W-BEAM-GROUND 1905 1905 1270 1905 (POST SPACING MEASURED ALONG FLARE)

PLAN

ELT PLATFORM TRAVELED WAY SHOULDER VARIES VARIES EDGE OF PAVEMENT-10:1 (SEE NOTE NO. 3)

SECTION A-A

GRADING DETAILS

ELEVATION

LAYOUT DETAILS

└─ GROUND LINE

-WOOD POST A-

BEARING

FOUNDATION .

200

END VIEW

ITEM NO. 606.1452 - BEAM GUARDRAIL (TERMINAL UNIT TYPE ELT)

TERMINAL UNIT TYPE ELT

PAID:

AT BEGINNING OR END OF STANDARD SECTION GUARDRAIL

NOSE WITH RETROREFLECTIVE SHEETING -

305 | 405

CABLE ASSEMBLY

WOOD POST

STRUT -

- FOUNDATION TUBE

SEE DETAIL "B

DETAIL "A"

GENERAL NOTES

- 1. THE CORRECT ASSEMBLY AND INSTALLATION OF THIS TERMINAL UNIT, INCLUDING THE LAYOUT OF THE 11.43 m FLARE, IS IMPORTANT TO ITS PROPER PERFORMANCE
- 2. THE LENGTH OF NEED IS THE TOTAL LENGTH OF A LONGITUDINAL BARRIER NEEDED TO SHIELD AN AREA OF CONCERN. TO DETERMINE THE LENGTH OF NEED, REFER TO THE ROADSIDE DESIGN GUIDE - AASHTO, 1996.
- 3. THE AREA OUTSIDE AND DOWNSTREAM OF THE FIRST 3810 mm (BREAKAWAY NOSE SECTION) OF THE ELT SHOULD BE REASONABLY TRAVERSABLE AND FREE OF FIXED-OBJECT HAZARDS TO THE EXTENT PRACTICAL. IF A CLEAR RUNOUT IS NOT ATTAINABLE, THIS AREA SHOULD AT LEAST BE SIMILAR IN CHARACTER TO UPSTREAM, UNSHIELDED ROADSIDE AREAS.
- 4. SEE STANDARDS NO. GR-3B & GR-3C FOR ELT HARDWARE DETAILS. SEE STANDARD NO. GR-1 FOR ADDITIONAL DETAILS OF COMMON HARDWARE.
- SECTIONS OF W-BEAM RAIL THAT ARE FORCED AGAINST THE POSTS. SHOP-CURVED SECTIONS SHALL NOT BE USED. (THE SECOND SENTENCE OF 606.2.4.2 DOES NOT APPLY.)

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS

NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL

BEAM GUARDRAIL TERMINAL UNIT TYPE ELT

5. THIS TERMINAL SHALL BE INSTALLED USING THREE 3810 mm LONG STRAIGHT

STEEL SLEEVE

HEX BOLT &

NUT WITH

2 WASHERS

SOIL PLATE -

TWO HEX BOLTS

2 WASHERS EACH

150

SIDE VIEW

& NUTS WITH

CABLE ASSEMBLY

BREAKAWAY NOSE SECTION DETAIL "B"

W-BEAM

BACK-UP

64 mm Ø HOLE

GROUND LINE

SOIL PLATE -

PLATE

GUARDRAIL STANDARD

STANDARD NO. GR-3A

STANDARD

NO. GR-3A

REVISION DATE

*.DGN FILE NAME GR-3A

PLANS

STANDARD

METRI

STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.